

Zone Valves

GRUNDFOS UPZV

Grundfos UP Zone Valves incorporate the latest in robust motor and gearing technology, ensuring long life and quiet operation. All components are corrosion resistant. The high gear ratio transmission eliminates gear tooth stress, water hammer issues, and valve “bouncing” during closing.

Forged brass body is 2-way flow with high CV rating and incorporates a durable stainless steel/EPDM valve stem assembly.



KEY FEATURES AND BENEFITS

- 24-VAC normally closed motorized inline removable actuator design for ease of installation and service
- With or without sealed end switch
- Silent close-off technology
- Manual open/closed lever
- Compact/economical design
- 32 - 240°F rating
- 50% glycol rating
- cULus listed, NAFTA, By America Act, Plenum rated



APPLICATIONS

Specifically designed for residential and commercial applications.

Heating Systems:

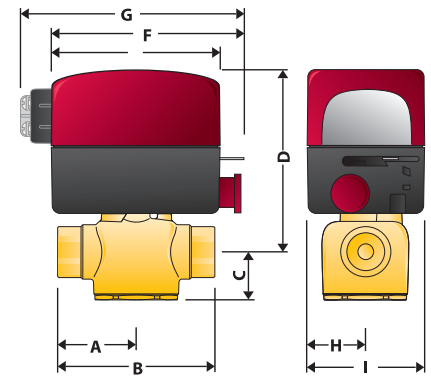
- Boiler/Hydronic heating
- Radiant floor heating
- Hydronic and fan-coil heating

Domestic Hot-Water Systems:

- Solar water heating
- Hot-water recirculation
- Domestic hot-water heating

TECHNICAL DATA

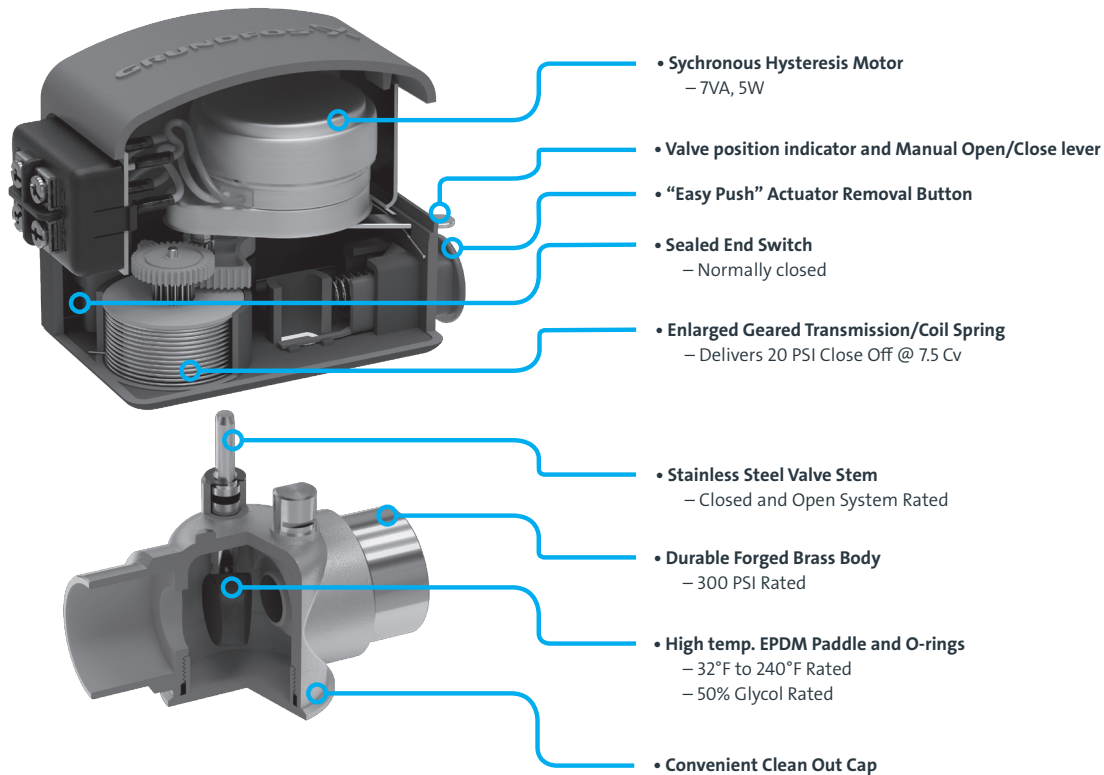
MATERIAL NUMBER	KPV									
	1/2 Inch	3/4 Inch	1 Inch	SWT	NPT	24 VAC	2-Way Valve Body	Normally Closed	End Switch	Without End Switch
97627415	.								.	
97627416										.
97627419									.	
97627420		.		.		.	.	.		.
97627421						.	.	.	.	
97627422			.							.
97627417		.							.	
97627418		.								.



Dimensions for actuators with or without auxiliary switch.

Connection	A	B	C	D	E	F	G	H	I
1/2" Sweat	1-5/16"	2-5/8"	15/16"	4"	3-7/16"	4"	4-17/32"	1-3/16"	2-3/8"
3/4" Sweat	1-3/8"	2-3/4"							
1" Sweat	1-11/16"	3-3/8"							
3/4" NPT	1-13/16"	3-5/8"		4-3/16"					

Flow Coefficient	Max. Close Off / P
3.5 Cv (3.0 Kv)	30 psi (207 kPa)
7.5 Cv (6.5 Kv)	20 psi (138 kPa)
7.5 Cv (6.5 Kv)	20 psi (138 kPa)
3.5 Cv (3.0 Kv)	30 psi (207 kPa)



Visit grundfos.us/pei to learn more about Department of Energy (DOE) pump energy index (PEI) requirements and PEI ratings on specific Grundfos models.